

AGRICULTURAL PRODUCT APPLICATION TRACKING AND CONTROL

ABSTRACT OF THE DISCLOSURE

5 A control system is disclosed for an agricultural implement, such as an
agricultural sprayer, used to dispense a product to the ground wherein the dispensing units for the
product are provided with control valves that can reduce the flow rate of product through
selected dispensing units to zero. By controlling the rate of flow through the dispensing units,
overlap of the application of the product to the ground can be substantially eliminated. In
10 alternative embodiments of the invention, the control mechanism can receive data from a remote
source, such as a central controller or another implement operating in the field, to define where
the product needs to be applied to the ground. The application of the product can also be
controlled through or in conjunction with a prescription map. Preferably, each dispensing unit is
provided with a control valve operably associated with the control system so that each dispensing
15 unit can be independently controlled to provide a variable flow rate of the product to the ground.